

ABSTRACT

A method comprising: (I) providing a composition; (II) applying the composition to a paper substrate; and (III) forming a paper coating on the paper substrate; wherein the composition comprises a blend of polymers, wherein the blend of polymers comprises a vinyl aromatic-acrylic polymer and a vinyl aromatic-diene polymer, wherein the vinyl aromatic-acrylic polymer comprises a reaction product of vinyl aromatic and an alkyl (meth)acrylate, and the vinyl aromatic-diene polymer comprises a reaction product of vinyl aromatic and a conjugated diene, wherein, based on a solids weight of all polymers in the blend of polymers, the vinyl aromatic-acrylic polymer is present in the blend of polymers in an amount from 50% to about 95% and the vinyl aromatic-diene polymer is present in an amount from about 5% to 50%.